

SARA TITLE III SECTION 313 INSPECTION REPORT
95-313U-017

I. Facility

Alloy Surfaces Co., Inc.
100 Locke Road
Wilmington, DE 19809-3513

SIC 3479

II. Date of Inspection

February 9, 1995

III. EPA Inspector

Malcolm Reynolds
Technical Advisor
Toxics Enforcement Section (3AT12)
(215)597-3659

IV. Company Officials

Donald Greenfield-Consultant
(302)762-8900

V. Purpose of Inspection

Alloy Surfaces Co., Inc. is a manufacturer of electrometalurgical products and has submitted a Form R under Section 313 of SARA Title III for the following reporting years: 1991, 1992, and 1993. This inspection was conducted to inspect, document, and verify the facility's compliance with the reporting requirements stated in 40 C.F.R. Part 372 under Section 313 of SARA Title III. Specifically, the purposes of this inspection are to investigate the quality of the toxic release inventory data reported by the facility and to verify the appropriate threshold determination calculations for chemicals which the facility has not submitted a toxic chemical release form for.

VI. Opening Conference

1. Inspection Procedures and General Information

On February 9, 1995, a Section 313 inspection was conducted at Alloy Surfaces Co., Inc. Approximately 5 days prior to the inspection a letter was sent to the company confirming the date of the inspection (attachment D). The EPA inspector met with company representatives at 10:30 a.m.

The inspector's credentials were presented and a Notice of Inspection was presented and explained. Mr. Greenfield signed the notice and an outline of the areas to be investigated was discussed.

2. Facility Description

Alloy Surfaces Co., Inc. is publically owned. Mr. Greenfield is responsible for environmental matters. The Wilmington, DE plant is the only plant and serves as the headquarters as well. The facility produces electrometalurgical products. Special alloys are fused on to articles to give them special properties such as heat resistance.

VII. SARA Title III

Section 313 was the primary focus of the inspection. The facility was phoned prior to the inspection to determine if an inspection was warranted (attachment E). In addition, compliance with Sections 302, 311, and 312 was checked. A copy of the letter sent to the facility confirming the date of inspection (attachment D) was sent to the Superfund Removal Branch to allow them the option to further investigate compliance with Sections 302, 311, and 312 at their discretion.

A plant, factory, or other facility comes under the provisions of Section 313:

1. If it conducts manufacturing operations (that is if its primary Standard Industrial Classification Code (SIC) is from 2000 through 3999;
2. If, in addition, it has 10 or more full-time employees; and
3. If it manufactures (including imports) or processes more than 75,000 pounds of a listed toxic chemical during any calendar year 1987 or manufactures (including imports) or processes more than 50,000 lbs. during calendar year 1988, or manufactures (including imports) or processes more than 25,000 lbs. during calendar year 1989 or later, or otherwise uses more than 10,000 pounds of a listed toxic chemical during any calendar year.

Mr. Greenfield stated that the plant's primary SIC Code is 3479 and the plant had 45, 50, and 70 employees in the following calendar years: 1991, 1992, and 1993 respectively. The remainder of the inspection involved

determining if the plant manufactured, processed, or otherwise used any one of the listed toxic chemicals in excess of the thresholds in calendar years 1991, 1992, and 1993.

Mr. Greenfield stated that the facility does not manufacture any chemicals at their plant and no chemicals are imported into the facility.

For the inspection, they had compiled summaries of usages of Section 313 chemicals as shown in attachment #1. Copies of the toxic chemical release forms inspected are included as attachment 2. All documentation supporting the figures in the toxic chemical release forms are included as attachment 3. According to attachments 1 and 2, the usage of Section 313 chemicals and releases reported are summarized as follows, (all figures in lbs.).

<u>Year</u>	<u>Chemical</u>	<u>Usage</u>	<u>Total Releases</u>	<u>Offsite Transfers</u>
1992	1,1,1-Trichloroethane	56,100	1200	0
1993	1,1,1-Trichloroethane	57,200	2400	2730

	<u>Recovered/ Recycled</u>	<u>Treated</u>	<u>Sold</u>
1992	4580	0	54,900
1993	1800	2730	52,070

1,1,1-Trichloroethane is used for formulation component, and is (processed/otherwise-used).

Mistakes on 1993 Form R for 1,1,1-Trichloroethane
Used 1992 Form R instead of the 1993 form.

Section 3.1

b. Import-Purchased from distributor who imported the chemical. This is not to be marked imported unless it is purchased directly from foreign company.

C. and D. not to be marked unless chemical is produced or imported.

8.1 should have been 2400 lbs/year instead of 1200.

¹⁹⁹²
Mistakes on 1993 Form R for 1,1,1-Trichloroethane

Section 3.1

b. Import- Marked import but should not have been marked import.

determining if the plant manufactured, processed, or otherwise used any one of the listed toxic chemicals in excess of the thresholds in calendar years 1991, 1992, and 1993.

Mr. Greenfield stated that the facility does not manufacture any chemicals at their plant and no chemicals are imported into the facility.

For the inspection, they had compiled summaries of usages of Section 313 chemicals as shown in attachment #1. Copies of the toxic chemical release forms inspected are included as attachment 2. All documentation supporting the figures in the toxic chemical release forms are included as attachment 3. According to attachments 1 and 2, the usage of Section 313 chemicals and releases reported are summarized as follows, (all figures in lbs.).

<u>Year</u>	<u>Chemical</u>	<u>Usage</u>	<u>Total Releases</u>	<u>Offsite Transfers</u>
1992	1,1,1-Trichloroethane	56,100	1200	0
1993	1,1,1-Trichloroethane	57,200	2400	2730

	<u>Recovered/ Recycled</u>	<u>Treated</u>	<u>Sold</u>
1992	4580	0	54,900
1993	1800	2730	52,070

1,1,1-Trichloroethane is used for formulation component, and is (processed/otherwise-used).

Mistakes on 1993 Form R for 1,1,1-Trichloroethane
Used 1992 Form R instead of the 1993 form.

Section 3.1

b. Import-Purchased from distributor who imported the chemical. This is not to be marked imported unless it is purchased directly from foreign company.

C. and D. not to be marked unless chemical is produced or imported.

8.1 should have been 2400 lbs/year instead of 1200.

Mistakes on 1992 Form R for 1,1,1-Trichloroethane

Section 3.1

b. Import- Marked import but should not have been marked import.

c. Marked erroneously.
6.2.1- Didn't mark NA
7A -Didn't mark NA

VIII. **Closing Conference**

Appropriate documents were requested by the EPA Inspector and the SARA Title III Section 313 investigation was concluded. Receipt for Samples and Documents was filled out at the end of all inspection activities.

IX. **Attachments**

- A. Notice of Inspection
- B. Receipt for Samples and Documents
- C. FTTS Summary
- D. Letter to Facility Confirming Date of Inspection
- E. Initial telephone call record.
- 1. Summary of Section 313 chemicals used
- 2. Toxic Chemical Release Forms
- 3. Supporting Documentation for Figures in Toxic Chemical Release Forms.

X. Summary of Findings

Alloy Surfaces Co., Inc. submitted Form Rs under Section 313 for the following reporting years: 1991, 1992, 1993. The records showed that the facility had greater than 10 employees (50) and is a manufacturer (SIC Code 3479).

The facility has submitted Form Rs for the following chemical (all figures in lbs.):

<u>Year</u>	<u>Chemical</u>	<u>Usage</u>	<u>Total Releases</u>	<u>Offsite Transfers</u>
1992	1,1,1-Trichloroethane	Formulation Component	1200	0
1993	1,1,1-Trichloroethane	Formulation Component	2400	2730
<u>Recovered/Recycled</u>		<u>Treated</u>		
4580		0		
1800		2730		

(IMPORTANT: Type or print; read instructions before completing form)

Form Approved CMB Number: 2070-3092
Approval Expires: 11/92

PAGE 1 OF 9

EPA

FORM R

TOXIC CHEMICAL RELEASE
INVENTORY REPORTING FORM

United States
Environmental
Protection
Agency

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986,
also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

WHERE TO SEND
COMPLETED FORMS:

1. EPCRA Reporting Center

P.O. Box 3348

Merrifield, VA 22116-3348

ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE

(See Instructions in Appendix F)

Enter "X" here if
this is a revision

X

IMPORTANT: See instructions to determine when "Not
Applicable (NA)" boxes should be checked.

For EPA use only

PART 1. FACILITY IDENTIFICATION INFORMATION

SECTION 1.
REPORTING
YEAR

1993

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identifies
() Yes (Answer question 2.2;
Attach substantiation forms)

2.2 If yes in 2.1, is this copy: () Sani

SECTION 3. CERTIFICATION (Important: Read and sign after completing

I hereby certify that I have reviewed the attached documents and that
information is true and complete and that the amounts and values in the
data available to the preparers of this report.

Name and official title of owner/operator or senior management official
L. STEPHEN BOWERS, PRESIDENT

Signature

Date Signed

23/Mar/94

SECTION 4. FACILITY IDENTIFICATION

Facility or Establishment Name
ALLOY SURFACES COMPANY, INC.

TRI Facility ID Number
19809LLYSR100LO

Street Address

100 LOCKE ROAD

City
WILMINGTON

County
NEW CASTLE

State
DE

Zip Code
19809-3513

Mailing Address (if different from street address)
NA

City

PUT LABEL HERE

State

Zip Code



United States
Environmental Protection Agency

EPA FORM R
PART I. FACILITY IDENTIFICATION
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSRI00LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)		a. <input checked="" type="checkbox"/> An entire facility		b. <input type="checkbox"/> Part of a facility		
4.3	Technical Contact	Name DONALD C GREENFIELD	Telephone Number (include area code) (302)762-8900				
4.4	Public Contact	Name L. STEPHEN BOWERS	Telephone Number (include area code) (302)762-8900				
4.5	SIC Code (4-digit)	a. 3479	b. 2899	c. 3489	d. NA	e. f.	
4.6	Latitude and Longitude	Latitude			Longitude		
		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
		039	44	36	075	30	12
4.7	Dun & Bradstreet Number(s) (9 digits)			a. 002341824			
				b. NA			
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)			a. DED980827919			
				b. NA			
4.9	Facility NPDES Permit Number(s) (9 characters)			a. NA			
				b.			
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)			a. NA			
				b.			

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	
	<input type="checkbox"/> NA	MATEC CORP
5.2	Parent Company's Dun & Bradstreet Number	
	<input type="checkbox"/> NA	(9 Digits) 002341824

EPA United States Environmental Protection Agency	EPA FORM 3 PART II. CHEMICAL-SPECIFIC INFORMATION	TRI FACILITY ID NUMBER 19809LLYSR100LO Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
---	---	---

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list.) 000071-55-6
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.) 1,1,1-TRICHLOROETHANE
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes.") NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Max. of 70 chars., including numbers, letters, spaces, and punct.) NA
-----	---

SECTION 3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	If produce or import: a. <input type="checkbox"/> Produce b. <input checked="" type="checkbox"/> Import c. <input checked="" type="checkbox"/> For on-site use/processing d. <input checked="" type="checkbox"/> For sale/distribution e. <input type="checkbox"/> As a byproduct f. <input type="checkbox"/> As an impurity
3.2	Process the toxic chemical	a. <input type="checkbox"/> As a reactant b. <input checked="" type="checkbox"/> As a formulation component c. <input type="checkbox"/> As an article component d. <input checked="" type="checkbox"/> Repackaging
3.3	Otherwise use the toxic chemical:	a. <input type="checkbox"/> As a chemical processing aid b. <input checked="" type="checkbox"/> As a manufacturing aid c. <input type="checkbox"/> Ancillary or other use

Section 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	03 (Enter two-digit code from instruction package.)
-----	---



United States
Environmental Protection Agency

EPA FORM 3
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

Facility ID Number

198041581010

Chem. Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

		A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	[] NA 1200	0	
5.2	Stack or point air emissions	[X] NA NA		
5.3	Discharges to receiving streams or water bodies (enter one name per box)			
5.3.1	Stream or Water Body Name			
A				
5.3.2	Stream or Water Body Name			
5.3.3	Stream or Water Body Name			
5.4	Underground injections on-site	[X] NA NA		
5.5	Releases to land on-site			
5.5.1	Landfill	[X] NA NA		
5.5.2	Land treatment/ application farming	[X] NA NA		
5.5.3	Surface impoundment	[X] NA NA		
5.5.4	Other disposal	[X] NA NA		

EPA Form 9350-1 (Rev. 5/14/92) - Previous editions are obsolete.

Range Codes: A = 1-10 pounds; B = 11-499 pounds;
C = 500 - 999 pounds.



EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

United States
Environmental Protection Agency

TRI FACILITY ID NUMBER

19809LLYSRI00LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE
ENVIRONMENT ON-SITE

5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.4	Stream or Water Body Name			
5.3.5	Stream or Water Body Name			
5.3.6	Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1	Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2	Basis of Estimate (enter code)
	NA		

6.1.B POTW Name and Location Information

6.1.B.1	POTW Name	6.1.B.2	POTW Name
Street Address		Street Address	
City	County	City	County
State	Zip Code	State	Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of
pages in this box [1] and indicate which Part II, Sections 5.3/6.1 page this is, here. [1]
(example: 1,2,3,etc.)



United States
Environmental Protection Agency

EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name

Street Address

City

County

State

Zip Code

Is location under control of reporting ☐ YES ☐ NOA. Total Transfers (pounds/year)
(enter range code or estimate)B. Basis of Estimate
(enter code)B. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1.

1.

1.

2.

2.

2.

3.

3.

3.

4.

4.

4.

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.2 Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name

Street Address

City

County

State

Zip Code

Is location under control of reporting ☐ YES ☐ NOA. Total Transfers (pounds/year)
(enter range code or estimate)B. Basis of Estimate
(enter code)B. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1.

1.

1.

2.

2.

2.

3.

3.

3.

4.

4.

4.

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [0] and indicate which Part II, Sections 6.2 page this is, here. [1]
(example: 1,2,3,etc.)



United States
Environmental Protection Agency

EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

PAGE 7 OF 9

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[] Not Applicable (NA) - Check here if no on-site treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence (enter 3-character code(s))	c. Range of Influent Concentration	d. Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b	7A.1c	7A.1d	7A.1e
NA	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.2a	7A.2b	7A.2c	7A.2d	7A.2e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.3a	7A.3b	7A.3c	7A.3d	7A.3e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.4a	7A.4b	7A.4c	7A.4d	7A.4e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.5a	7A.5b	7A.5c	7A.5d	7A.5e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			

If additional pages are attached, indicate the total number of pages in this box [1] and indicate which page this is, here [1].



United States
Environmental Protection Agency

EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

PAGE 8 OF 9

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1

2

3

4

Section 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1

2

3

4

5

6

7

8

9

10



EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

United States
Environmental Protection Agency

TRI FACILITY ID NUMBER

19809LLYSR100L0

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

All estimates can be reported
using up to two significant
figures.

Column A
1991
(pounds/year)

Column B
1992
(pounds/year)

Column C
1993
(pounds/year)

Column D
1994
(pounds/year)

8.1	Quantity released *	1200	1200	1200	600	
8.2	Quantity used for energy recovery on-site	0	0	0	0	
8.3	Quantity used for energy recovery off-site	0	0	0	0	
8.4	Quantity recycled on-site	1820	4580	4500	1800	
8.5	Quantity recycled off-site	0	0	0	0	
8.6	Quantity treated on-site	0	0	0	0	
8.7	Quantity treated off-site	0	0	0	0	
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)				0	
8.9	Production Ratio or Activity Index				0001.31	
8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.					
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)				
8.10.1	NA	a.	b.	c.		
8.10.2		a.	b.	c.		
8.10.3		a.	b.	c.		
8.10.4		a.	b.	c.		
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)				YES []	NO [X]

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

1993
(IMPORTANT: Type or print; read instructions before completing form)

Form Approved OMB Number: 2070-0092
Approval Expires: 11/92

PAGE 1 OF 9

EPA United States Environmental Protection Agency	FORM R Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act	TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM	TRI FACILITY ID NUMBER 19809LLYSR100LO Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
WHERE TO SEND COMPLETED FORMS:	1. EPCRA Reporting Center P.O. Box 3348 Merrifield, VA 22116-3348 ATTN: TOXIC CHEMICAL RELEASE INVENTORY	2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)	Enter "X" here if this is a revision

IMPORTANT: See instructions to determine when "Not
Applicable (NA)" boxes should be checked.

For EPA use only

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR 1993	Section 2. TRADE SECRET INFORMATION 2.1 Are you claiming the toxic chemical identified on page 3 trade secret? <input type="checkbox"/> Yes (Answer question 2.2; Attach substantiation forms) <input checked="" type="checkbox"/> No (Do not answer 2.2; Go to Section 3) 2.2 If yes in 2.1, is this copy: <input type="checkbox"/> Sanitized <input type="checkbox"/> Unsanitized
---	---

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official
L. STEPHEN BOWERS, PRESIDENT

Signature

Date Signed
06/28/94

SECTION 4. FACILITY IDENTIFICATION

Facility or Establishment Name ALLOY SURFACES COMPANY, INC.	TRI Facility ID Number 19809LLYSR100LO
Street Address 100 LOCKE ROAD	
City WILMINGTON	County NEW CASTLE
State DE	Zip Code 19809-3513
Mailing Address (if different from street address) NA	
City	PUT LABEL HERE
State Zip Code	

EPA
United States
Environmental
Protection
Agency

EPA FORM R
PART I. FACILITY IDENTIFICATION
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)		a. <input checked="" type="checkbox"/> An entire facility		b. <input type="checkbox"/> Part of a facility	
4.3	Technical Contact	Name DONALD C GREENFIELD	Telephone Number (include area code) (302)762-8900			
4.4	Public Contact	Name L. STEPHEN BOWERS	Telephone Number (include area code) (302)762-8900			
4.5	SIC Code (4-digit)	a. 3479	b. 2899	c. 3489	d. NA	e. f.
4.6	Latitude	Latitude			Longitude	
	and	Degrees	Minutes	Seconds	Degrees	Minutes Seconds
	Longitude	039	44	36	075	30 12
4.7	Dun & Bradstreet Number(s) (9 digits)			a.	002341824	
				b.	NA	
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)			a.	DED980827919	
				b.	NA	
4.9	Facility NPDES Permit Number(s) (9 characters)			a.	NA	
				b.		
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)			a.	NA	
				b.		

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	
	<input checked="" type="checkbox"/> NA	NA
5.2	Parent Company's Dun & Bradstreet Number	
	<input checked="" type="checkbox"/> NA	(9 Digits) NA

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION	TRI FACILITY ID NUMBER 19809LLYSR100LO Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
---	---	---

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1 CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list.)

000071-55-6

1.2 Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)

1,1,1-TRICHLOROETHANE

1.3 Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes.")

NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1 Generic Chemical Name Provided by Supplier (Important: Max. of 70 chars., including numbers, letters, spaces, and punct.)

NA

SECTION 3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	<p>If produce or import:</p> <p>a. <input type="checkbox"/> Produce</p> <p>b. <input checked="" type="checkbox"/> Import</p> <p>c. <input checked="" type="checkbox"/> For on-site use/processing</p> <p>d. <input checked="" type="checkbox"/> For sale/distribution</p> <p>e. <input type="checkbox"/> As a byproduct</p> <p>f. <input type="checkbox"/> As an impurity</p>
3.2	Process the toxic chemical	<p>a. <input type="checkbox"/> As a reactant</p> <p>b. <input checked="" type="checkbox"/> As a formulation component</p> <p>c. <input type="checkbox"/> As an article component</p> <p>d. <input checked="" type="checkbox"/> Repackaging</p>
3.3	Otherwise use the toxic chemical:	<p>a. <input type="checkbox"/> As a chemical processing aid</p> <p>b. <input checked="" type="checkbox"/> As a manufacturing aid</p> <p>c. <input type="checkbox"/> Ancillary or other use</p>

Section 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1 03 (Enter two-digit code from instruction package.)

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 19809LLYSR100LO Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
---	---	---

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

		A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1 Fugitive or non-point air emissions	[] NA	2400	0	
5.2 Stack or point air emissions	[X] NA	NA		
5.3 Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1 Stream or Water Body Name				
NA				
5.3.2 Stream or Water Body Name				
5.3.3 Stream or Water Body Name				
5.4 Underground injections on-site	[X] NA	NA		
5.5 Releases to land on-site				
5.5.1 Landfill	[X] NA	NA		
5.5.2 Land treatment/ application farming	[X] NA	NA		
5.5.3 Surface impoundment	[X] NA	NA		
5.5.4 Other disposal	[X] NA	NA		

[] Check here only if additional Section 5.3 information is provided on page 5 of this form.

EPA

EPA FORM R

United States
Environmental
Protection
AgencyPART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSRI00LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE
ENVIRONMENT ON-SITE

5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.4	Stream or Water Body Name			
5.3.5	Stream or Water Body Name			
5.3.6	Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1	Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2	Basis of Estimate (enter code)
---------	--	---------	--------------------------------

NA

6.1.B POTW Name and Location Information

6.1.B.1	POTW Name	6.1.B.2	POTW Name
---------	-----------	---------	-----------

Street Address

Street Address

City

County

City

County

State

Zip Code

State

Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [] and indicate which Part II, Sections 5.3/6.1 page this is, here. [1] (example: 1,2,3,etc.)

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 19809LLYSR100LO Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
---	---	---

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.)
GAD093380814

Off-Site Location Name CHEMICAL CONSERVATION OF GEORG IA, INC.

Street Address 1612 JAMES P. ROGERS CIRCLE

City VALDOSTA	County LOWNDES
------------------	-------------------

State GA	Zip Code 31601-	Is location under control of reporting <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
----------	-----------------	--

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	B. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
--	--------------------------------------	--

1. 2730	1. 0	1. M54
---------	------	--------

2. NA	2.	2.
-------	----	----

3.	3.	3.
----	----	----

4.	4.	4.
----	----	----

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.2 Off-site EPA Identification Number (RCRA ID No.)
NA

Off-Site Location Name

Street Address

City	County
------	--------

State	Zip Code	Is location under control of reporting <input type="checkbox"/> YES <input type="checkbox"/> NO
-------	----------	---

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	B. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
--	--------------------------------------	--

1.	1.	1.
----	----	----

2.	2.	2.
----	----	----

3.	3.	3.
----	----	----

4.	4.	4.
----	----	----

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Sections 6.2 page this is, here. (1)
(example: 1,2,3,etc.)

EPA

EPA FORM R

United States
Environmental
Protection
AgencyPART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site treatment is applied to
any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b	7A.1c	7A.1d	7A.1e
NA	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.2a	7A.2b	7A.2c	7A.2d	7A.2e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.3a	7A.3b	7A.3c	7A.3d	7A.3e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.4a	7A.4b	7A.4c	7A.4d	7A.4e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.5a	7A.5b	7A.5c	7A.5d	7A.5e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			

If additional pages are attached, indicate the total number of pages in this box [] and indicate which page this is, here [1].

EPA

United States
Environmental
Protection
AgencyEPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 7B. ON-SITE ENERGY RECOVERY PROCESSES

☒ Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 | NA |

2 | |

3 | |

4 | |

Section 7C. ON-SITE RECYCLING PROCESSES

☐ Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 | R11 |

2 | NA |

3 | |

4 | |

5 | |

6 | |

7 | |

8 | |

9 | |

10 | |

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 19809LLYSR100LO Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
---	---	---

1993

Section 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

All estimates can be reported using up to two significant figures.	Column A 1992 (pounds/year)	Column B 1993 (pounds/year)	Column C 1994 (pounds/year)	Column D 1995 (pounds/year)
8.1 Quantity released *	1200	1200 2400	300	0
8.2 Quantity used for energy recovery on-site	0	0	0	0
8.3 Quantity used for energy recovery off-site	0	0	0	0
8.4 Quantity recycled on-site	4580	1800	0	0
8.5 Quantity recycled off-site	0	0	0	0
8.6 Quantity treated on-site	0	0	0	0
8.7 Quantity treated off-site	0	2730	3000	0
8.8 Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)				0
8.9 Production Ratio or Activity Index				0001.01
8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.				
Source Reduction Activities (enter code(s))	Methods to Identify Activity (enter codes)			
8.10.1 NA	a.	b.	c.	
8.10.2	a.	b.	c.	
8.10.3	a.	b.	c.	
8.10.4	a.	b.	c.	
8.11 Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)				YES NO [] [X]

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

EPA FORM RTOXIC CHEMICAL RELEASE
INVENTORY REPORTING FORMUnited States
Environmental Protection
AgencySection 313 of the Emergency Planning and Community Right-to-Know Act of 1986,
also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

WHERE TO SEND
COMPLETED FORMS:1. EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-33482. APPROPRIATE STATE OFFICE
(See instructions in Appendix F)

ATTN: TOXIC CHEMICAL RELEASE INVENTORY

Enter "X" here if
this is a revision

X

IMPORTANT: See instructions to determine when "Not
Applicable (NA)" boxes should be checked.

For EPA use only

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1.

REPORTING
YEAR

1992

Section 2. TRADE SECRET INFORMATION

- 2.1 Are you claiming the toxic chemical identified on page 3 trade secret?
☐ Yes (Answer question 2.2;
Attach substantiation forms) ☒ No (Do not answer 2.2;
Go to Section 3)
- 2.2 If yes in 2.1, is this copy: ☐ Sanitized ☐ Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted
information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using
data available to the preparers of this report.Name and official title of owner/operator or senior management official
L. STEPHEN BOWERS, PRESIDENT

Signature

Date Signed

06/30/93

10/8/93

SECTION 4. FACILITY IDENTIFICATION

Facility or Establishment Name
ALLOY SURFACES CO., INC.TRI Facility ID Number
19809LLYSR100LO

Street Address

100 LOCKE ROAD

City
WILMINGTONCounty
NEW CASTLEState
DEZip Code
19809-3513Mailing Address (if different from street address)
NA

City

State

Zip Code

PUT LABEL HERE



United States
Environmental Protection Agency

EPA FORM R
PART I. FACILITY IDENTIFICATION
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSRI00LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)		a. <input checked="" type="checkbox"/> An entire facility		b. <input type="checkbox"/> Part of a facility		
4.3	Technical Contact	Name DONALD C GREENFIELD	Telephone Number (include area code) (302)762-8900				
4.4	Public Contact	Name L. STEPHEN BOWERS	Telephone Number (include area code) (302)762-8900				
4.5	SIC Code (4-digit)	a. 3479	b. 2899	c. 3489	d. NA	e. f.	
4.6	Latitude and Longitude	Latitude			Longitude		
		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
		039	44	36	075	30	12
4.7	Dun & Bradstreet Number(s) (9 digits)			a. 002341824			
				b. NA			
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)			a. DED980827919			
				b. NA			
4.9	Facility NPDES Permit Number(s) (9 characters)			a. NA			
				b.			
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)			a. NA			
				b.			

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	
	<input type="checkbox"/> NA	MATEC CORP
5.2	Parent Company's Dun & Bradstreet Number	
	<input type="checkbox"/> NA	(9 Digits) 002341824



United States
Environmental Protection Agency

EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section
if you complete Section 2 below.)

1.1 CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list.)

000071-55-6

1.2 Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)

1,1,1-TRICHLOROETHANE

1.3 Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes.")

NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this
section if you complete Section 1 above.)

2.1 Generic Chemical Name Provided by Supplier (Important: Max. of 70 chars., including numbers, letters, spaces, and punct.)

NA

SECTION 3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. <input type="checkbox"/> Produce b. <input checked="" type="checkbox"/> Import	If produce or import: c. <input checked="" type="checkbox"/> For on-site use/processing d. <input type="checkbox"/> For sale/distribution e. <input type="checkbox"/> As a byproduct f. <input type="checkbox"/> As an impurity
3.2	Process the toxic chemical	a. <input type="checkbox"/> As a reactant b. <input checked="" type="checkbox"/> As a formulation component	c. <input type="checkbox"/> As an article component d. <input checked="" type="checkbox"/> Repackaging
3.3	Otherwise use the toxic chemical:	a. <input type="checkbox"/> As a chemical processing aid b. <input checked="" type="checkbox"/> As a manufacturing aid	c. <input type="checkbox"/> Ancillary or other use

Section 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME
DURING THE CALENDAR YEAR

4.1 03 (Enter two-digit code from instruction package.)



United States
Environmental Protection Agency

EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

		A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	[] NA B 1200	0	
5.2	Stack or point air emissions	[X] NA NA		
5.3	Discharges to receiving streams or water bodies (enter one name per box)			
5.3.1 Stream or Water Body Name				
NA				
5.3.2 Stream or Water Body Name				
5.3.3 Stream or Water Body Name				
5.4	Underground injections on-site	[X] NA NA		
5.5	Releases to land on-site			
5.5.1	Landfill	[X] NA NA		
5.5.2	Land treatment/ application farming	[X] NA NA		
5.5.3	Surface impoundment	[X] NA NA		
5.5.4	Other disposal	[X] NA NA		



United States
Environmental Protection Agency

EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE
ENVIRONMENT ON-SITE

5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.4	Stream or Water Body Name			
5.3.5	Stream or Water Body Name			
5.3.6	Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
NA	

6.1.B POTW Name and Location Information

6.1.B.1 POTW Name	6.1.B.2 POTW Name

Street Address

Street Address

City

County

City

County

State

Zip Code

State

Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of
pages in this box [1] and indicate which Part II, Sections 5.3/6.1 page this is, here. [1]
(example: 1,2,3,etc.)



United States
Environmental Protection Agency

EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name

Street Address

City

County

State

Zip Code

Is location under control of reporting ☐ YES ☐ NOA. Total Transfers (pounds/year)
(enter range code or estimate)B. Basis of Estimate
(enter code)B. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1.

1.

1.

2.

2.

2.

3.

3.

3.

4.

4.

4.

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.2 Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name

Street Address

City

County

State

Zip Code

Is location under control of reporting ☐ YES ☐ NOA. Total Transfers (pounds/year)
(enter range code or estimate)B. Basis of Estimate
(enter code)B. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1.

1.

1.

2.

2.

2.

3.

3.

3.

4.

4.

4.

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [0] and indicate which Part II, Sections 6.2 page this is, here. [1]
(example: 1,2,3,etc.)



United States
Environmental Protection Agency

EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[] Not Applicable (NA) - Check here if no on-site treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b	7A.1c	7A.1d	7A.1e
NA	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.2a	7A.2b	7A.2c	7A.2d	7A.2e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.3a	7A.3b	7A.3c	7A.3d	7A.3e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.4a	7A.4b	7A.4c	7A.4d	7A.4e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.5a	7A.5b	7A.5c	7A.5d	7A.5e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			[] []
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			

If additional pages are attached, indicate the total number of pages in this box [1] and indicate which page this is, here [1].



United States
Environmental Protection Agency

EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 2 3 4

Section 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 2 3 4 5 6 7 8 9 10



United States
Environmental Protection Agency

EPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

PAGE 9 OF 9

TRI FACILITY ID NUMBER

19809LLYSR100L0

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

All estimates can be reported
using up to two significant
figures.

Column A
1991
(pounds/year)

Column B
1992
(pounds/year)

Column C
1993
(pounds/year)

Column D
1994
(pounds/year)

8.1	Quantity released *	1200	1200	1200	600
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	1820	4580	4500	1800
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	0	0	0	0
8.7	Quantity treated off-site	0	0	0	0
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)				0
8.9	Production Ratio or Activity Index				0001.31
8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.				
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)			
8.10.1	NA	a.	b.	c.	
8.10.2		a.	b.	c.	
8.10.3		a.	b.	c.	
8.10.4		a.	b.	c.	
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)				YES [] NO [X]

* Report releases pursuant to EPCRA Section 329(b) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

ALLOY SURFACES

A SUBSIDIARY OF CHG GROUP, INC.



March 23, 1995

US Environmental Protection
Region III
841 Chestnut Bldg.
Philadelphia, PA 19107

ATTN: Malcolm Reynolds, Mail 3AT1Z

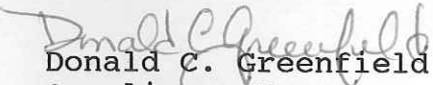
SUBJECT: "R" Form revision

Dear Sir:

Enclosed please find Alloy Surfaces revised 1992 and 1993 EPA
"R" forms. Revisions were made concerning 1,1,1 Trichloroethane.

Sincerely,

ALLOY SURFACES COMPANY, INC.


Donald C. Greenfield
Compliance Manager

DCG/rlk
Enclosures



NOTICE OF INSPECTION
U.S. ENVIRONMENTAL PROTECTION AGENCY
 Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA)

1. INVESTIGATION IDENTIFICATION			2. TIME	3. FIRM NAME
DATE <i>Feb. 9, 1995</i>	INSPECTOR NO. <i>ERIII-001</i>	DAILY SEQ. NO. <i>01</i>	<i>10:30</i>	<i>Alloy Surfaces Co. Inc.</i>
4. INSPECTOR ADDRESS U.S. EPA REGION 3 (3AT12) 841 Chestnut Building Philadelphia, PA 19107			5. FIRM ADDRESS <i>100 Locke Rd. Wilmington, DE 19809</i>	

REASON FOR INSPECTION: This inspection is for the purpose of determining compliance with the Emergency Planning and Community Right-to-Know Act of 1986, Section 313 toxic chemical release reporting requirements. The scope of this inspection may include, but is not limited to: reviewing and obtaining copies of documents and records; interviews and taking of statements; reviewing of chemical manufacturing, importing, processing, and/or use facilities, including waste handling and treatment operations; taking samples and photographs; and any other inspection activities necessary to determine compliance with the Act.

INSPECTOR SIGNATURE <i>Malcolm Reynolds</i>		RECIPIENT SIGNATURE <i>Donald Greenfield</i>	
NAME MALCOLM REYNOLDS		NAME <i>Donald Greenfield</i>	
TITLE TECHNICAL ASSISTANT	DATE SIGNED <i>2/9/95</i>	TITLE <i>Sr. Technical Advisor</i>	DATE SIGNED <i>2/9/95</i>

DIXON SURFACE CO INC

Purchases

111 TEL. CHLOROETHANE

1990 -	4200 gal -	46,200 lbs
1991 -	3900 gal -	42,900 lbs
1992 -	5100 gal -	56,100 lbs
1993 -	5200 gal -	57,200 lbs

Donald Greenfield
Feb 9, 1995

SARA TITLE III SECTION 313 INSPECTION REPORT

95-313U-017

I. Facility

*Alloy Surfaces Co., Inc.
100 Locke Road
Wilmington, DE 19809-3513*

SIC *3479*

II. Date of Inspection

2/9/95

III. EPA Inspector

Malcolm Reynolds

IV. Company Officials

*Donald Greenfield - Consultant
302-762-8900*

V. Purpose of Inspection

Alloy Surfaces Co., Inc. is a manufacturer of and has submitted a Form R under Section 313 of SARA Title III for the following reporting years: *1991, 1992, 1993*. This inspection was conducted to inspect, document, and verify the facility's compliance with the reporting requirements stated in 40 C.F.R. Part 372 under Section 313 of SARA Title III. Specifically, the purposes of this inspection are to investigate the quality of the toxic release inventory data reported by the facility and to verify the appropriate threshold determination calculations for chemicals which the facility has not submitted a toxic chemical release form for.

VI. Opening Conference

1. Inspection Procedures and General Information

On Feb. 9, 1995, a Section 313 inspection was conducted at ~~the facility~~ *Alloy Surfaces Co., Inc.*. Approximately 5 days prior to the inspection a letter was sent to the company confirming the date of the inspection (attachment D). The EPA inspector met with company representatives at 10:30am. The inspector's credentials were presented and a Notice of Inspection was presented and explained. Mr. Greenfield signed the notice and an outline of the areas to be investigated was discussed.

2. Facility Description

Alloy Surfaces Co., Inc is publicly owned.
Mr. Greenfield is responsible for environmental matters. The
Wilmington, DE plant is the only plant and serves
as the Headquarters as well. The facility produces electrometallurgical
~~Floor space was said to be square feet.~~
products. Special alloys are fused on to articles to give
them special properties such as heat resistance.
~~Year Total Corporate Sales Employees~~

VII. SARA Title III

Section 313 was the primary focus of the inspection. The facility was phoned prior to the inspection to determine if an inspection was warranted (attachment E). In addition, compliance with Sections 302, 311, and 312 was checked. A copy of the letter sent to the facility confirming the date of inspection (attachment D) was sent to the Superfund Removal Branch to allow them the option to further investigate compliance with Sections 302, 311, and 312 at their discretion.

A plant, factory, or other facility comes under the provisions of Section 313:

1. If it conducts manufacturing operations (that is if its primary Standard Industrial Classification Code (SIC) is from 2000 through 3999;
2. If, in addition, it has 10 or more full-time employees; and
3. If it manufactures (including imports) or processes more than 75,000 pounds of a listed toxic chemical during any calendar year 1987 or manufactures (including imports) or processes more than 50,000 lbs. during calendar year 1988, or manufactures (including imports) or processes more than 25,000 lbs. during calendar year 1989 or later, or otherwise uses more than 10,000 pounds of a listed toxic chemical during any calendar year.

Mr. Greenfield stated that the plant's primary SIC Code is 3479 and the plant had 45,50,70 employees in the following calendar years: 1991, 1992, and 1993 respectively. The remainder of the inspection involved determining if the plant manufactured, processed, or otherwise used any one of

the listed toxic chemicals in excess of the thresholds in calendar years 1991, 1992, and 1993.

Mr. Greenfield stated that the facility does not manufacture any chemicals at their plant and no chemicals are imported into the facility.

For the inspection, they had compiled summaries of usages of Section 313 chemicals as shown in attachment #1. Copies of the toxic chemical release forms inspected are included as attachment 2. All documentation supporting the figures in the toxic chemical release forms are included as attachment 3. According to attachments 1 and 2, the usage of Section 313 chemicals and releases reported are summarized as follows, (all figures in lbs.).

<u>Year</u>	<u>Chemical</u>	<u>Usage</u>	<u>Total Releases</u>	<u>Offsite Transfers</u>
1992	1,1,1-Trichloroethane	56,100 ^v	1200	0
1993	1,1,1-Trichloroethane	57,200 ^v	2400	2730

	<u>Recovered/ Recycled</u>	<u>Treated</u>	<u>Sold</u>
1992	4580	0	54,900
1993	1800	2730	52,070

1,1,1-Trichloroethane is used for formulation component, and is processed

~~is used for~~ and is
(processed/otherwise-used.

~~is used for~~ and is
(processed/otherwise-used.

(Insert A)

VIII. Closing Conference

Appropriate documents were requested by the EPA Inspector and the SARA Title III Section 313 investigation was concluded.

Insert A

Mistakes on 1993 Form R for 1,1,1-Trichloroethane
Used 1992 Form R instead of the 1993 form.

Section 3.1

B. Import - Purchased from distributor who imported the chemical. This is not to be marked imported unless it is purchased directly from foreign company.

C. & d. Not to be marked unless chemical is produced or imported.

8.1 Should have been 2400 lb/yr. instead of 1200

Mistakes on 1992 Form R for 1,1,1-trichloroethane

Section 3.1

b. Import - Marked import but shouldn't have.

c. Marked erroneously

6.2.1 Didn't mark NA

7A Didn't mark NA

Receipt for Samples and Documents was filled out at the end of all inspection activities.

IX. Attachments

- A. Notice of Inspection
- B. Receipt for Samples and Documents
- C. FTTS Summary
- D. Letter to Facility Confirming Date of Inspection
- E. Initial telephone call record.
- 1. Summary of Section 313 chemicals used
- 2. Toxic Chemical Release Forms
- 3. Supporting Documentation for Figures in Toxic Chemical Release Forms.

X. Summary of Findings

Alloy Surfaces Co., Inc. submitted Form Rs under Section 313 for the following reporting years: ~~1991~~ 1992 1993. The records showed that the facility had greater than 10 employees (50) and is a manufacturer (SIC Code 3479). ~~In addition, the records showed that the facility exceeded the thresholds for the following listed Section 313 chemicals:~~

The facility has submitted Form Rs for the following chemicals (all figures in lbs.):

<u>Year</u>	<u>Chemical</u>	<u>Usage</u>	<u>Total Releases</u>	<u>Offsite Transfers</u>
1992	41 Trichloroethane	Formulation	1200	0
1993	"	Component	2400	2730
		"		
			<u>Recovered/Recycled</u>	<u>Treated</u>
			4580	0
			1800	2730

(Comments)

The facility has exceeded the statutory thresholds for the following chemicals, but has not submitted a toxic chemical release report.

<u>Year</u>	<u>Usage (lbs.)</u>	<u>Activity</u>	<u>Date Report Due</u>	<u>Date Submitted</u>
-------------	---------------------	-----------------	------------------------	-----------------------

1993

(IMPORTANT: Type or print; read instructions before completing form) Form Approved OMB Number: 2070-0092
Approval Expires: 11/92

PAGE 1 OF 9

EPA FORM R

United States
Environmental
Protection
Agency

TOXIC CHEMICAL RELEASE
INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986,
also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

WHERE TO SEND
COMPLETED FORMS:

1. EPCRA Reporting Center
P.O. Box 3348

Merrifield, VA 22116-3348

ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE
(See instructions in Appendix F)

Enter "X" here if
this is a revision

X

IMPORTANT: See instructions to determine when "Not
Applicable (NA)" boxes should be checked.

For EPA use only

PART 1. FACILITY IDENTIFICATION INFORMATION

SECTION 1.
REPORTING
YEAR

1993

Section 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 2 trade secret?
[] Yes (Answer question 2.2;
Attach substantiation forms) [X] No (Do not answer 2.2;
Go to Section 3)

2.2 If yes in 2.1, is this copy: [] Sanitized [] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted
information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using
data available to the preparers of this report.

Name and official title of owner/operator or senior management official
L. STEPHEN BOWERS, PRESIDENT

Signature

Date Signed

28 Mar 95

SECTION 4. FACILITY IDENTIFICATION

Facility or Establishment Name
ALLOY SURFACES COMPANY, INC.

TRI Facility ID Number
19809LLYSR100LO

Street Address

100 LOCKE ROAD

City
WILMINGTON

County
NEW CASTLE

State
DE

Zip Code
19809-3513

Mailing Address (if different from street address)
NA

City

State

Zip Code

PUT LABEL HERE

EPA
United States
Environmental
Protection
Agency

EPA FORM R
PART I. FACILITY IDENTIFICATION
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)		a. <input checked="" type="checkbox"/> An entire facility		b. <input type="checkbox"/> Part of a facility		
4.3	Technical Contact	Name DONALD C GREENFIELD	Telephone Number (include area code) (302)762-8900				
4.4	Public Contact	Name L. STEPHEN BOWERS	Telephone Number (include area code) (302)762-8900				
4.5	SIC Code (4-digit)	a. 3479	b. 2899	c. 3489	d. NA	e. f.	
4.6	Latitude and Longitude	Latitude			Longitude		
		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
		039	44	36	075	30	12
4.7	Dun & Bradstreet Number(s) (9 digits)	a. 002341824					
		b. NA					
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)	a. DED980827919					
		b. NA					
4.9	Facility NPDES Permit Number(s) (9 characters)	a. NA					
		b.					
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)	a. NA					
		b.					

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	
	<input checked="" type="checkbox"/> NA	NA
5.2	Parent Company's Dun & Bradstreet Number	
	<input checked="" type="checkbox"/> NA	(9 Digits) NA

EPA United States Environmental Protection Agency	EPA FORM 3 PART II. CHEMICAL-SPECIFIC INFORMATION	TRI FACILITY ID NUMBER 19809LLYSR100LO Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
---	---	---

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list.) 000071-55-6
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.) 1,1,1-TRICHLOROETHANE
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes.") NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Max. of 70 chars., including numbers, letters, spaces, and punct.) NA
-----	---

SECTION 3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Important: Check all that apply.)

3.1	Manufacture the toxic chemical: a. <input type="checkbox"/> Produce b. <input checked="" type="checkbox"/> Import	If produce or import: c. <input checked="" type="checkbox"/> For on-site use/processing d. <input checked="" type="checkbox"/> For sale/distribution e. <input type="checkbox"/> As a byproduct f. <input type="checkbox"/> As an impurity
3.2	Process the toxic chemical: a. <input type="checkbox"/> As a reactant b. <input checked="" type="checkbox"/> As a formulation component	c. <input type="checkbox"/> As an article component d. <input checked="" type="checkbox"/> Repackaging
3.3	Otherwise use the toxic chemical: a. <input type="checkbox"/> As a chemical processing aid b. <input checked="" type="checkbox"/> As a manufacturing aid	c. <input type="checkbox"/> Ancillary or other use

Section 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	03 (Enter two-digit code from instruction package.)
-----	---

EPA

EPA FORM R

United States
Environmental
Protection
AgencyPART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

		A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	[] NA 2400	0	
5.2	Stack or point air emissions	[X] NA NA		
5.3	Discharges to receiving streams or water bodies (enter one name per box)			
5.3.1	Stream or Water Body Name			
	NA			
5.3.2	Stream or Water Body Name			
5.3.3	Stream or Water Body Name			
5.4	Underground injections on-site	[X] NA NA		
5.5	Releases to land on-site			
5.5.1	Landfill	[X] NA NA		
5.5.2	Land treatment/ application farming	[X] NA NA		
5.5.3	Surface impoundment	[X] NA NA		
5.5.4	Other disposal	[X] NA NA		

[] Check here only if additional Section 5.3 information is provided on page 5 of this form.

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 19809LLYSR100LO Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
---	---	---

Section 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.4	Stream or Water Body Name			
5.3.5	Stream or Water Body Name			
5.3.6	Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)			
6.1.A Total Quantity Transferred to POTWs and Basis of Estimate			
6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)		6.1.A.2 Basis of Estimate (enter code)	
NA			
6.1.B POTW Name and Location Information			
6.1.B.1 POTW Name		6.1.B.2 POTW Name	
Street Address		Street Address	
City	County	City	County
State	Zip Code	State	Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [] and indicate which Part II, Sections 5.3/6.1 page this is, here. [1] (example: 1,2,3,etc.)

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 19809LLYSR100LO Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
---	---	---

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.)
GAD093380814

Off-Site Location Name CHEMICAL CONSERVATION OF GEORG IA, INC.

Street Address 1612 JAMES P. ROGERS CIRCLE

City
VALDOSTACounty
LOWNDES

State GA

Zip Code 31601-

Is location under control of reporting ☐ YES ☒ NO

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	B. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 2730	1. 0	1. M54
2. NA	2.	2.
3.	3.	3.
4.	4.	4.

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.2 Off-site EPA Identification Number (RCRA ID No.)
NA

Off-Site Location Name

Street Address

City

County

State

Zip Code

Is location under control of reporting ☐ YES ☐ NO

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	B. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Sections 6.2 page this is, here. [1]
(example: 1,2,3,etc.)

EPA

EPA FORM R

United States
Environmental
Protection
AgencyPART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site treatment is applied to
any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b	7A.1c	7A.1d	7A.1e
NA	1 <input type="text"/> 2 <input type="text"/>		%	Yes No [] []
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.2a	7A.2b	7A.2c	7A.2d	7A.2e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No [] []
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.3a	7A.3b	7A.3c	7A.3d	7A.3e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No [] []
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.4a	7A.4b	7A.4c	7A.4d	7A.4e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No [] []
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			
7A.5a	7A.5b	7A.5c	7A.5d	7A.5e
	1 <input type="text"/> 2 <input type="text"/>		%	Yes No [] []
	3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/>			
	6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/>			

If additional pages are attached, indicate the total number of pages in this box [] and indicate which page this is, here [1].

EPA

United States
Environmental
Protection
AgencyEPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

19809LLYSR100LO

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 7B. ON-SITE ENERGY RECOVERY PROCESSES

☒ Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1

NA

2

3

4

Section 7C. ON-SITE RECYCLING PROCESSES

☐ Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1

R11

2

NA

3

4

5

6

7

8

9

10

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 19809LLYSR100LO Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
---	---	---

Section 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

All estimates can be reported using up to two significant figures.		Column A 1992 (pounds/year)	Column B 1993 (pounds/year)	Column C 1994 (pounds/year)	Column D 1995 (pounds/year)
8.1	Quantity released *	1200	1200	300	0
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	4580	1800	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	0	0	0	0
8.7	Quantity treated off-site	0	2730	3000	0
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)				0
8.9	Production Ratio or Activity Index				0001.01
8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.				
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)			
8.10.1	NA	a.	b.	c.	
8.10.2		a.	b.	c.	
8.10.3		a.	b.	c.	
8.10.4		a.	b.	c.	
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)				YES [] NO [X]

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

FIFRA/TSCA TRACKING SYSTEM INPUT DOCUMENT: INSPECTIONS
TSCA, OTHER THAN ASBESTOS

(FIELDS IN BOLD ARE REQUIRED !)

FORM COMPLETED BY: M. Reynolds

INSPECTION DATE: 2/9/95 INSPECTOR NUM: ERTII-MN SEQUENCE: 01
FILE# 95-3130-017

LEGISLATION IND: E INSPECTION TYPE: EEA INSPECTION STATUS: C
(see reverse)

REGION/STATE: 03 INSPECTOR NAME: Reynolds
(03 PA DE MD VA WV DC) (last name)

REASON FOR INSPECT: NSR REFERRAL TYPE: RR NUMBER SAMPLES: 0
(see reverse) (see reverse)

REPORT RECEIVED: ///

CBI: N (Y/N) WARRANT REQUIRED: N (Y/N)

FACILITY FUNCTION: MN FED FACILITY: N (Y/N)
(see reverse)

REMARKS:

SITE NAME: Alloy Surface Co. Inc.
SITE ADDR: 100 Rock Rd.
SITE CITY: Wilmington SITE STATE: DE
SITE ZIP: 19809
SITE SIC CODES: 3479
(see reverse)

PARENT CO NAME: _____
PARENT CO ADDR: _____
PARENT CO CITY: _____
PARENT CO STATE: _____ PARENT CO ZIP: _____

GENERIC FIELDS

IDENTIFIER: _____
DATE REPORT COMPLETED: ///
FIELD CITATION: _____ (Y/N)
LONGITUDE: _____ (degrees, minutes, seconds)
LATITUDE: _____ (degrees, minutes, seconds)

For INSPECTION TYPE, REASON FOR INSPECTION, REFERRAL TYPE, FACILITY
FUNCTION, SIC CODES, see reverse.

TSOA INVESTIGATION TYPE CODES

CODE	DESCRIPTION
13I	SECTION 13 IMPORTER INSPECTION
13R	SECTION 13 RECORDS REVIEW
2XP	SECTION 12 EXPORT
4CI	FUR SECTION 4 INSPECTIONS
4EE	SECTION 4 ECOLOGICAL EFFECTS DATA AUDIT
4HE	SECTION 4 HEALTH EFFECTS DATA AUDIT
4LP	SECTION 4 GOOD LABORATORY PRACTICES
5CE	SECTION 5 CHEMICAL SUBSTANCE EXEMPTION
5CI	FUR SECTION 5 INSPECTIONS
5EF	SECTION 5 (E) OF (F) ORDER
5FM	SECTION 5 FAILURE TO NOTIFY
5HM	SECTION 5 PREMANUFACTURE NOTICE
5SU	SECTION 5 SIGNIFICANT NEW USE RULE
5TM	SECTION 5 TEST MARKETING EXEMPTION
6AA	SECTION 6 ASBESTOS AAMP CONDUCTED
6AF	SECTION 6 ASBESTOS FEDERAL CONDUCTED
6AS	SECTION 6 ASBESTOS STATE CONDUCTED
6CF	SECTION 6 CHLOROFLOURCARBONS
6CI	FUR SECTION 6 INSPECTIONS
6CR	SECTION 6 HEXVALENT//CHROMIUM
6CS	STATE HEXVALENT CHROMIUM
6DX	SECTION 6 DUXIM
6HA	SECTION 6 PCB AAMP CONDUCTED
6HF	SECTION 6 PCB FEDERAL CONDUCTED
6HS	SECTION 6 PCB STATE CONDUCTED
6MA	SEC.6 ASBESTOS WORKER PROTECTION AAMP
6MF	SEC.6 ASBESTOS WORKER PROTECTION FEDERAL
6MS	SEC.6 ASBESTOS WORKER PROTECTION STATE
7CI	FUR SECTION 7 INSPECTIONS
7IH	SECTION 7 IMMINENT HAZARD
8AS	SECTION 8A ASBESTOS RULE
8CI	SECTION 8 CONFIDENTIAL INSPECTIONS
8CR	SECTION 8C RECORDS RULE
8HS	SECTION 8D HEALTH AND SAFETY STUDIES
8LA	SECTION 8A LEVEL A RULE
8MV	SECTION 8 INVENTORY RULE
8SK	SECTION 8E SUBSTANTIAL RISK
ACU	ASBESTOS ASHRA CLOSE OUT
AEA	AHERA, ENFORCEMENT, AAMP CONDUCTED
AEF	AHERA, ENFORCEMENT, FEDERAL CONDUCTED
AES	AHERA, ENFORCEMENT, STATE CONDUCTED
AOM	ASBESTOS ASHRA ON GOING
APA	ASBESTOS ASHRA PRE AAMP
APM	ASBESTOS ASHRA UNFINISHED
EEA	EPCHA, ENFORCEMENT, AAMP CONDUCTED
EEF	EPCHA, ENFORCEMENT, FEDERAL CONDUCTED

SIC Code	Code Description
07	Agricultural Services
90	Alternate Disposal/Disposal
93	Broker
15	Construction
1799	Contractor/Disposal/Waste Oil
82	Educational Services
7629	Electrical Equipment Repair
91	Electrical Equipment Retrofill
91	Hazardous Waste Handler
80	Health Services
94	Intermediate

TSOA FACILITY FUNCTION CODES

CODE	DESCRIPTION	CODE
BK	BROKER	27
CV	CONVEYOR	OR
DA	PERMITTED DISPOSER - ALTERNATIVE METHODS	RO
UH	PERMITTED DISPOSER - HIGH EFFIC BOILERS	RR
DI	PERMITTED DISPOSER - INCINERATOR	RS
DL	PERMITTED DISPOSER - LANDFILL	SR
DM	PERMITTED DISPOSER - DREDGE/SLUDGE WATER	
DP	DISPOSER	
DR	PERMITTED DISPOSER - RESEARCH/DEVELOP	
DT	DISTRIBUTOR	
LB	LABORATORY	
MI	MANUFACTURER/IMPORTER	
MM	MANUFACTURER	
PC	PROCESSOR	
PS	SECONDARY PROCESSOR	
PT	PORT OF ENTRY	
ST	STORER	
US	USER	

TSOA REFERRAL CODES

CODE	DESCRIPTION
27	SECTION 26/27 REFERRAL
OR	HEADQUARTERS TO REGION
RO	REGION TO HEADQUARTERS
RR	REGION TO REGION REFERRAL
RS	REGION TO STATE REFERRAL
SR	STATE TO REGION REFERRAL

TSOA REASON FOR INSPECTION CODES

CODE	DESCRIPTION
FCA	FOR CAUSE, ASSOCIATED
FCD	FOR CAUSE, DISPOSAL
FCF	FOR CAUSE, FOLLOW-UP
FCS	FOR CAUSE, GOVERNMENT
FCH	FOR CAUSE, HEADQUARTERS
FUP	FOR CAUSE, PRIVATE CITIZEN/PRESS COMPLAI
FCM	FOR CAUSE, REGULATED COMMUNITY COMPLAINT
FCV	FOR CAUSE, VIOLATION
NSA	NEUTRAL SCHEME, ASSOCIATED
NSF	NEUTRAL SCHEME, FOLLOW-UP
NSH	NEUTRAL SCHEME, HEADQUARTERS
NSI	NEUTRAL SCHEME INDIAN TRIBE
NSR	NEUTRAL SCHEME, REGION
NSS	NEUTRAL SCHEME, STATE
OVR	SIC OVERVIEW INSPECTION
SCD	SECONDARY INSPECTION

SIC Code	Code Description
86	Nonprofit Membership Organization
6512	Office/Commercial Building
8999	Other
40	Railroad
4222	Refrigerated Warehousing
7391	Research and Development Lab
5999	Scrapyard
4952	Sewage Treatment
8922	State/Municipal Facility
4226	Storage Facility
4911	Utility, Electric
4923	Utility, Gas
92	Waste Oil Dealer
24	Lumber and Wood Products
28	Manufacturing, Chemical
36	Manufacturing, Electrical Equipment
20	Manufacturing, Food/Feed
34	Manufacturing, Metal Products
30	Manufacturing, Miscellaneous
30	Manufacturing, Rubber/Tire
37	Manufacturing, Transportation Equipme

ALLOY SURFACES

A SUBSIDIARY OF CHG GROUP, INC.



100 Locke Road • Wilmington, DE 19809-3513 (302) 762-8900 • FAX: (302) 762-7213

FACSIMILE COVER SHEET

Date: Feb 16, 1995

Please promptly deliver the following transmittal to:

Firm: EPA REGION III (3AT12)

Attention: MALCOLM REYNOLDS

Fax #: 215-597-3156

MALCOLM

THE FOLLOWING IS THE NUMBER OF
EMPLOYEE'S AT ALLOY SURFACES FOR THE
DATES YOU REQUESTED

DATE	1991	1992	1993	1994
# EMP.	45	50	70	65

Donald Greenfield
Compliance Manager

We are transmitting 1 pages, which include this cover letter.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107-4431

FEB 02 1995

Mr. Donald Greenfield
Alloy Surfaces Co., Inc.
100 Locke Road
Wilmington, DE 19809-3513

**RE: Superfund Amendments and Reauthorization Act (SARA) Title
III Section (§) 313 Data Quality Audit Inspection**

Dear Mr. Greenfield:

This is to confirm that Malcolm Reynolds of my staff will visit your facility on Thursday, February 9, 1995 at 10:30 a.m. to conduct a SARA Title III Section 313 Data Quality Inspection Audit (DQIA). He is a member of the National Council of Senior Citizens designated by the EPA Administrator to conduct inspections under SARA Title III.

The purpose of the DQIA is to verify the accuracy of your facility's Form R submission(s) to EPA. A review of the appropriate quantity of chemicals reported will also be verified.

To save time during the inspection, please have available for review the following documents:

• a copy of the Threshold Determination Calculations for each of the §313 chemicals used by your facility during the 1991, 1992, and 1993 calendar years along with the supporting documentation. The supporting documentation may include such items as beginning and end-of-year inventory, purchase and, if applicable, import records. In addition, if your facility manufactures any listed §313 chemical, please include the appropriate chemical production records.

a copy of all 1991, 1992, and 1993 Form R's and a copy of the supporting documentation used for completing the Form R(s). The documentation should substantiate the Form R data elements submitted by your facility for such items as: Activities And Uses Of The Chemical At The Facility (Section 3); the Maximum Amount of Chemical On-Site At Any Time During The Calendar Year (Section 4); Releases Of The Chemical To The Environment On-Site (Section 5); Transfers of the Chemical In Wastes To Off-Site Locations (Section 6); On-Site Waste Treatment Methods and Efficiency (Section 7A); On-Site Energy Recovery Processes (Section 7B); On-Site Recycling Processes (Section 7C) and; Source

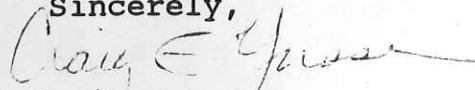
Data Qual

Reduction and Recycling Activities from Section 8 (only for calendar years 1991 and beyond).

In addition to the above items, please notify Malcolm Reynolds of any safety equipment (e.g. eye or ear protection, safety shoes, hard hat, etc.) he should bring with him to the inspection.

Enclosed is a list of the chemicals subject to SARA Title III §313. If time permits, he will tour your plant. If you have any questions, please call Malcolm Reynolds at (215) 597-3659.

Sincerely,



Craig Yussen
TRI Outreach Coordinator (3AT12)
TSCA Enforcement & TRI Section

Enclosure

cc: Section 313 State Contact
Stephanie Branch-Wilson (3HW34)


 US ENVIRONMENTAL PROTECTION AGENCY
 WASHINGTON, DC 20460

 Emergency Planning, and Community Right-to-Know
 Act of 1986 (SARA Title III)
 RECEIPT FOR SAMPLES AND DOCUMENTS
Page **05**

1. INVESTIGATION IDENTIFICATION		2. FIRM NAME
DATE Feb 9, 1995	INSPECTOR NO. ER111-001	BAILY SEQ. NO. 01
3. INSPECTOR ADDRESS U.S. EPA Region 3, (3AT/2) 841 Chestnut Building Philadelphia, PA 19107		4. FIRM ADDRESS Alloy Surfaces Co. Inc. 100 Locke Rd. Wilmington DE 19809

The documents and samples of chemical substances and/or mixtures described below were collected in connection with the administration and enforcement of the Emergency Planning and Community Right-to-Know Act of 1986

RECEIPT OF THE DOCUMENT(S) AND/OR SAMPLE(S) DESCRIBED IS HEREBY ACKNOWLEDGED:

NO.	DESCRIPTION
	<p>Use of 1,1,1 Trichloroethane in '90, '91, '92, '93 Form R's for 1,1,1 Trichloroethane for 1992 and 1993</p> <p>Chemical identities for underlined items have been claimed as trade secret. The facility official requesting such treatment has read and understands EPCRA Section 322 and pertinent trade secret regulations and understands EPCRA Section 325 which provides for (among other things) penalties for frivolous claims.</p>

INSPECTOR SIGNATURE Malcolm Reynolds		RECIPIENT SIGNATURE Donald Greenfield	
NAME MALCOLM REYNOLDS		NAME DONALD GREENFIELD	
TITLE TECHNICAL ASSISTANT	DATE SIGNED 2/9/95	TITLE Sr Technical Advisor	DATE SIGNED 2/9/95

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 CHESTNUT BUILDING
MAIL CODE _____
PHILADELPHIA, PA. 19107-4431
OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

9/26/95
Tues 10AM

Pete Barattini
Joseph Spadea
Crescent Iron Works
4901 Grays Ave 729-1204
PO Box 19150 F4413
Phila, PA 19143

E-55
3441

027

Luide

58354
81
58273

Rt 95 from N
Exit at Airport + Exit
Stay right
Go to Bartram, turn rt. (about $\frac{3}{4}$ mile on Bartram)
turn left at 84th
turn rt. at Lindbergh Blvd. which
joins Grays Ave (in about $3\frac{1}{2}$ miles)

Donald C. Greenfield
Director of Manufacturing

ALLOY SURFACES 
A SUBSIDIARY OF CHG GROUP, INC.

100 Locke Rd, Wilmington, DE 19809-3513
(302) 762-8900 EXT: 1248 • FAX: (302) 762-7213

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY

REGION III
841 CHESTNUT BUILDING
MAIL CODE _____
PHILADELPHIA, PA. 19107-4431

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

Bellmore Branch
& Walnut HW
on MLKing HW

Don Greenfield - Consultant now
(ex employee)

302 762-8900

F 7213

Jan. Thurs. 10:30 am
Feb 9, '95

Alloy Surfaces Co. Inc.

100 Locke Rd.

Wilmington

DE 198093513

Thor-ba-lack

3479

017

on Hay Road
in Edgemore

on 495, Between Power Plant
& Du Pont

495 Edmoor Exit

Rt 13^B + 3
(Philadelphia Pike) (March Rd)
(Bellefonte)
Section

Taxi A+G 285-4700

A+B Mortisville 295-4000

(79) Phila 9:02 Carolinian
Wilm 9:23

Wilm 1:05 Bankers
Phila 1:29
Wilm 2:00 Potomac
Phila 2:24

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
TOXIC RELEASE INVENTORY SYSTEM
FACILITY PROFILE REPORT FOR FACILITY ID:19809LLYSR100LO

01/06/95
09:43:43

Region TRI Facility ID EPA ID Name
03 19809LLYSR100LO DED980827919 : ALLOY SURFACES CO. INC.
Address : 100 LOCKE RD.
City/State/Zip: WILMINGTON, DE 198093513

Document Control Number: 13-93-07013396-8-DE

Reporting Year : 1993
Rptg for Entire Facility : A (AN ENTIRE COVERED FACILITY)
Maximum Amount Code : 03 (1,000--9,999)
Chemical ID : 000071-55-6
Chemical Name : 1,1,1-TRICHLOROETHANE
Mixture Component ID : NA
Certification Name : L. STEPHEN BOWERS
Certification Title : PRESIDENT
Certification Date Signed: 06/28/94
Cert. Signature Indicator: P (PHOTO COPY)
Facility County : NEW CASTLE
Assigned DUNS Number : 002341824
Assigned EPA ID : DED980827919
State/County FIPS Code : 10003
Assign Centroid Latitude : 394612
Assign Centroid Longitude: 753006
Latitude : 394436
Longitude : 753012
UIC ID : NA
Magnetic Media ID : 03808
Parent Company Name : NA
Parent DUNS Number : NA
Technical Contact Name : DONALD C GREENFIELD
Technical Contact Phone : (302) 762-8900
Public Contact Name : L. STEPHEN BOWERS
Public Contact Phone : (302) 762-8900
Postmark Date : 06/28/94
Receipt Date : 06/30/94

EPA ID Number(s) : DED980827919 NA
DUNS Number(s) : 002341824 NA
SIC Code(s) : 3479 2899 3489 NA
NPDES Permit Number(s) : NA

** TYPES OF ACTIVITY/USES **

Manufacture : IMPORT ONSITE USE SALE/DISTR

Process : FORM COMP REPACKAGE

Otherwise Used: MANUF AID

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
TOXIC RELEASE INVENTORY SYSTEM
FACILITY PROFILE REPORT FOR FACILITY ID:19809LLYSR100LO

01/06/95
09:43:43

Region TRI Facility ID EPA ID Name : ALLOY SURFACES CO. INC.
03 19809LLYSR100LO DED980827919 Address : 100 LOCKE RD.
City/State/ZIP : WILMINGTON, DE 198093513

Document Control Number: 13-93-07013396-8-DE

** FUGITIVE OR NON-POINT AIR EMISSIONS **

Reporting Range :
Estimate : 2,400
Estimate N/A :
Basis of Estimate : 0 (BASED ON OTHER APPROACHES)

** STACK OR POINT AIR EMISSIONS **

Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** DISCHARGE TO WATER **

Stream Code : A
Stream Name : NA
Reporting Range :
Estimate :
Estimate N/A :
Basis of Estimate :
% From Stormwater : 0.00
% From Stormwater N/A :

** UNDERGROUND INJECTION **

Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** RELEASE TO LAND **

Land Disposal Code : D02 (ON-SITE LANDFILL)
Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** RELEASE TO LAND **

Land Disposal Code : D03 (LAND TREATMENT/APPLICATION FARMING)
Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

TRR03BS
PAGE: 3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
TOXIC RELEASE INVENTORY SYSTEM
FACILITY PROFILE REPORT FOR FACILITY ID:19809LLYSR100LO

01/06/95
09:43:43

Region TRI Facility ID EPA ID Name
03 19809LLYSR100LO DED980827919 : ALLOY SURFACES CO. INC.
Address : 100 LOCKE RD.
City/State/ZIP : WILMINGTON, DE 198093513

Document Control Number: 13-93-07013396-8-DE

** RELEASE TO LAND **

Land Disposal Code : D05 (SURFACE IMPOUNDMENT)
Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** RELEASE TO LAND **

Land Disposal Code : D99 (OTHER DISPOSAL)
Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** OTHER OFF-SITE LOCATION **

Off-Site ID : 31601CHMCL1612J
Off-Site Location Code: 01
EPA ID (RCRA ID NO.) : GAD093380814
Off-Site Name : CHEMICAL CONSERVATION OF GEORG IA INC.
Street Address : 1612 JAMES P. ROGERS CIRCLE
City : VALDOSTA
County : LOWNDES
State : GA
Zip Code : 31601
Country Code :
Control of Rpt. Facil.: N (NO, LOCATION IS NOT UNDER CONTROL OF REPORTING FACILITY OR PARENT COMPANY)
Reporting Range :
Estimate : 2,730
Estimate N/A :
Basis of Estimate : 0 (BASED ON OTHER APPROACHES)
Treatment/Disposal : M54 (INCINERATION/INSIGNIFICANT FUEL VALUE)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
TOXIC RELEASE INVENTORY SYSTEM
FACILITY PROFILE REPORT FOR FACILITY ID:19809LLYSR100LO

01/06/95
09:43:43

Region TRI Facility ID EPA ID Name
03 19809LLYSR100LO DED980827919 : ALLOY SURFACES CO. INC.
Address : 100 LOCKE RD.
City/State/ZIP : WILMINGTON, DE 198093513

Document Control Number: 13-93-07013396-8-DE

** OTHER OFF-SITE LOCATION **

Off-Site ID : 31601CHMCL1612J
Off-Site Location Code: 01
EPA ID (RCRA ID NO.) : GAD093380814
Off-Site Name : CHEMICAL CONSERVATION OF GEORG IA INC.
Street Address : 1612 JAMES P. ROGERS CIRCLE
City : VALDOSTA
County : LOWNDES
State : GA
Zip Code : 31601
Country Code :
Control of Rpt. Facil.: N (NO, LOCATION IS NOT UNDER CONTROL OF REPORTING FACILITY OR PARENT COMPANY)
Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :
Treatment/Disposal :

** TOTAL QUANTITY TRANSFERRED TO POTW **

Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** WASTE TREATMENT METHODS AND EFFICIENCY **

General Wastestream Code : NA
Treatment Method Code :
Range of Influent Concentration :
Sequential Treatment :
Treatment Efficiency Estimate : 0.00
Based On Operating Data :

** ONSITE ENERGY RECOVERY PROCESSES **

Energy Onsite Process Code : NA

** ONSITE RECYCLING PROCESSES **

Recycle Onsite Process Code : R11 (SOLVENTS/ORGANICS RECOVERY - BATCH STILL DISTILLATION)
Recycle Onsite Process Code : NA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
TOXIC RELEASE INVENTORY SYSTEM
FACILITY PROFILE REPORT FOR FACILITY ID:19809LLYSR100LO

01/06/95
09:43:44

Region TRI Facility ID EPA ID Name : ALLOY SURFACES CO. INC.
03 19809LLYSR100LO DED980827919 Address : 100 LOCKE RD.
City/State/Zip: WILMINGTON, DE 198093513

Document Control Number: 13-93-07013396-8-DE

** SOURCE REDUCTION AND RECYCLING ACTIVITY **

	1992 (POUNDS/YEAR)	1993 (POUNDS/YEAR)	1994 (POUNDS/YEAR)	1995 (POUNDS/YEAR)
Quantity Released :	1,200	1,200	300	0
Quantity Used For Energy Recovery On-Site :	0	0	0	0
Quantity Used For Energy Recovery Off-Site :	0	0	0	0
Quantity Recycled On-Site :	4,580	1,800	0	0
Quantity Recycled Off-Site :	0	0	0	0
Quantity Treated On-Site :	0	0	0	0
Quantity Treated Off-Site :	0	2,730	3,000	0
Totals :	5,780	5,730	3,300	0

Quantity Released Due To Remedial Action : 0
Production Ratio/Activity Index : 1.01

** SOURCE REDUCTION ACTIVITY CODE(S) **

Source Reduction Activity: NA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
TOXIC RELEASE INVENTORY SYSTEM
FACILITY PROFILE REPORT FOR FACILITY ID: 19809LLYSR100LO

01/06/95
09:44:23

Region TRI Facility ID EPA ID
03 19809LLYSR100LO DED980827919

Name : ALLOY SURFACES CO. INC.
Address : 100 LOCKE RD.
City/State/Zip: WILMINGTON, DE 198093513

Document Control Number: 13-92-06018408-8-DE

Reporting Year : 1992
Rptg for Entire Facility : A (AN ENTIRE COVERED FACILITY)
Maximum Amount Code : 03 (1,000-9,999)
Chemical ID : 000071-55-6
Chemical Name : 1,1,1-TRICHLOROETHANE
Mixture Component ID : NA
Certification Name : L. STEPHEN BOWERS
Certification Title : PRESIDENT
Certification Date Signed: 10/08/93
Cert. Signature Indicator: P (PHOTO COPY)
Facility County : NEW CASTLE
Assigned DUNS Number : 002341824
Assigned EPA ID : DED980827919
State/County FIPS Code : 10003
Assign Centroid Latitude : 394612
Assign Centroid Longitude: 753006
Latitude : 394436
Longitude : 753012
UIC ID : NA
Magnetic Media ID : D4227
Parent Company Name : MATEC CORP.
Parent DUNS Number : 002341824
Technical Contact Name : DONALD C GREENFIELD
Technical Contact Phone : (302) 762-8900
Public Contact Name : L. STEPHEN BOWERS
Public Contact Phone : (302) 762-8900
Postmark Date : 07/01/93
Receipt Date : 07/06/93

EPA ID Number(s) : DED980827919 NA
DUNS Number(s) : 002341824 NA
SIC Code(s) : 3479 2899 3489 NA
NPDES Permit Number(s) : NA

** TYPES OF ACTIVITY/USES **

Manufacture : IMPORT ONSITE USE

Process : FORM COMP REPACKAGE

Otherwise Used: MANUF AID

'92
Alloy Surfaces
1,1,1-TCE

'92	'93
1,1,1 TCE	1,1,1 TCE
NA	NA
A/dust	NA
Gr	Gr

TRR03BS
PAGE: 2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
TOXIC RELEASE INVENTORY SYSTEM
FACILITY PROFILE REPORT FOR FACILITY ID:19809LLYSR100LO

01/06/95
09:44:23

Region TRI Facility ID EPA ID Name
03 19809LLYSR100LO DED980827919 : ALLOY SURFACES CO. INC.
Address : 100 LOCKE RD.
City/State/ZIP : WILMINGTON, DE 198093513

Document Control Number: 13-92-06018408-8-DE

** FUGITIVE OR NON-POINT AIR EMISSIONS **

Reporting Range :
Estimate : 1,200
Estimate N/A :
Basis of Estimate : 0 (BASED ON OTHER APPROACHES)

** STACK OR POINT AIR EMISSIONS **

Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** DISCHARGE TO WATER **

Stream Code : A
Stream Name : NA
Reporting Range :
Estimate :
Estimate N/A :
Basis of Estimate :
% From Stormwater : 0.00
% From Stormwater N/A :

** UNDERGROUND INJECTION **

Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** RELEASE TO LAND **

Land Disposal Code : D02 (ON-SITE LANDFILL)
Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** RELEASE TO LAND **

Land Disposal Code : D03 (LAND TREATMENT/APPLICATION FARMING)
Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

TRR03BS
PAGE: 3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
TOXIC RELEASE INVENTORY SYSTEM
FACILITY PROFILE REPORT FOR FACILITY ID:19809LLYSR100LO

01/06/95
09:44:23

Region TRI Facility ID EPA ID Name
03 19809-LLYSR-100LO DED980827919 : ALLOY SURFACES CO. INC.
Address : 100 LOCKE RD.
City/State/ZIP : WILMINGTON, DE 198093513

Document Control Number: 13-92-06018408-8-DE

** RELEASE TO LAND **

Land Disposal Code : D05 (SURFACE IMPOUNDMENT)
Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** RELEASE TO LAND **

Land Disposal Code : D99 (OTHER DISPOSAL)
Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** TOTAL QUANTITY TRANSFERRED TO POTW **

Reporting Range :
Estimate :
Estimate N/A : Y
Basis of Estimate :

** WASTE TREATMENT METHODS AND EFFICIENCY **

General Wastestream Code : NA
Treatment Method Code :
Range of Influent Concentration :
Sequential Treatment :
Treatment Efficiency Estimate : 0.00
Based On Operating Data :

** ONSITE ENERGY RECOVERY PROCESSES **

Energy Onsite Process Code : NA

** ONSITE RECYCLING PROCESSES **

Recycle Onsite Process Code : NA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
TOXIC RELEASE INVENTORY SYSTEM
FACILITY PROFILE REPORT FOR FACILITY ID:19809LLYSR100LO

01/06/95
09:44:24

Region TRI Facility ID EPA ID Name : ALLOY SURFACES CO. INC.
03 19809LLYSR100LO DED980827919 Address : 100 LOCKE RD.
City/State/Zip: WILMINGTON, DE 198093513

Document Control Number: 1392060184088DE

** SOURCE REDUCTION AND RECYCLING ACTIVITY **

	1991 (POUNDS/YEAR)	1992 (POUNDS/YEAR)	1993 (POUNDS/YEAR)	1994 (POUNDS/YEAR)
Quantity Released :	1,200	1,200	1,200	600
Quantity Used For Energy Recovery On-Site :	0	0	0	0
Quantity Used For Energy Recovery Off-Site :	0	0	0	0
Quantity Recycled On-Site :	1,820	4,580	4,500	1,800
Quantity Recycled Off-Site :	0	0	0	0
Quantity Treated On-Site :	0	0	0	0
Quantity Treated Off-Site :	0	0	0	0
Totals :	3,020	5,780	5,700	2,400

Quantity Released Due To Remedial Action : 0
Production Ratio/Activity Index : 1.31

** SOURCE REDUCTION ACTIVITY CODE(S) **

Source Reduction Activity: NA

PERMCLIP
PERMCLIP
PERMCLIP
PERMCLIP®
PERMCLIP
PERMCLIP

PERMCLIP
PERMCLIP
PERMCLIP®
PERMCLIP
PERMCLIP
PERMCLIP
PERMCLIP

Alloy Surface Co. Inc. 85-380-6
100 Locke Rd.
Wilmington, DE 19809-3513
Don Greenfield/302-762-8900
Feb 9, 1995 SIC 3479
M. Reynolds